

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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APPLICANT : KITASATO INST:THE;

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TITLE : NONCARIOGENIC COMPOSITION AND DRINK

ABSTRACT : PURPOSE: To obtain a noncariogenic composition and drink capable of preventing or suppressing the dental caries of man, by using a mutant of human Streptococcus mutans as an active component.

CONSTITUTION: A mutant of human Streptococcus mutans having a bioactivity to suppress specifically the proliferation of cariogenic Streptococcus mutans and essentially devoid of plague-forming capability, e.g. Streptococcus mutans TMD- NC KUME (FERM-BP No.319), attenuated Streptococcus mutans K-III strain (FERM-BP No.316), etc. is subjected to the pure culture, and the obtained live bacterial cells are used as the active component. The component is used in combination with a physiologically permissible carrier, or dispersed in a liquid carrier together with the living cells of conventional edible lactic bacteria.

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